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Missile and Space Launcher System Designators

August 1985

*by the
Weapon and Space Systems
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CHINESE MISSILE SYSTEM DESIGNATORS

| <u>DESIGNATOR</u> | <u>ASCC NICKNAME</u> | <u>TYPE</u> | <u>COMMENTS</u> |
|--|--------------------------|-------------|--|
| <u>SURFACE-TO-SURFACE BALLISTIC SYSTEMS</u> | | | |
| CSS-1 | None | MRBM | Transportable, single-stage, non-storable cryogenic liquid propellants. Single RV. <input type="checkbox"/> |
| CSS-2 | None | IRBM | Transportable, single-stage, storable liquid propellants. Single RV. <input type="checkbox"/> |
| CSS-3 | None | ICBM | Two-stage, storable liquid propellants. Single RV. <input type="checkbox"/> |
| CSS-4 | None | ICBM | Two-stage, storable liquid propellants. Single RV. <input type="checkbox"/> |
| <u>CSS-X-5</u> | <u>None</u> | <u>ICBM</u> | <u>Developmental land-based version of CSS-NX-3.</u> <input type="checkbox"/> |
| <u>SEA-LAUNCHED CRUISE AND BALLISTIC SYSTEMS</u> | | | |
| CSS-N-1 | None | Antiship | Chinese version of the Soviet SS-N-2 (STYX). Uses active radar for terminal guidance. <input type="checkbox"/> |
| CSS-N-2 | None | Antiship | Antiship cruise missile. Elongated version of CSS-N-1. Uses active radar for terminal guidance. Carried by Luda-class destroyers. <input type="checkbox"/> |
| CSS-NX-3 | None | SLBM | Two-stage, solid propellant. Single RV. <input type="checkbox"/> |
| <u>LAND-LAUNCHED CRUISE MISSILE SYSTEMS</u> | | | |
| CSSC-1 | None | GLCM | Coastal Defense. Essentially the same as the Soviet SSC-2b (SAMLET). <input type="checkbox"/> |
| CSSC-2 | SILKWORM | GLCM | Coastal Defense. Identical to CSS-N-2 coastal defense missile. <input type="checkbox"/> |

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AIR-TO-AIR SYSTEMS

| | | | |
|--------|------|-----|--|
| CAA-1a | None | AAM | Chinese-produced version of the Soviet IR-guided AA-2a. No longer deployed. <input type="text"/> |
| CAA-1b | None | AAM | Chinese-produced version of the Soviet IR-guided AA-2b. Launched by F-5, F-6, and F-7 aircraft. <input type="text"/> |

| <u>DESIGNATOR</u> | <u>ASCC NICKNAME</u> | <u>FIRE CONTROL RADAR</u> | <u>COMMENTS</u> |
|-------------------|--------------------------|-------------------------------|-----------------|
|-------------------|--------------------------|-------------------------------|-----------------|

AIR-TO-SURFACE SYSTEMS

| | | | |
|---------|------|------|---|
| CAS-X-1 | None | None | Developmental air-to-surface missile believed to be derived from CSSC-2. Expected to be launched from B-6 Bomber in antiship role. <input type="text"/> |
|---------|------|------|---|

ANTI-TANK SYSTEMS

| | | | |
|-------|------|------|--|
| CAT-1 | None | ATGM | Chinese produced version of the Soviet AT-3a. <input type="text"/> |
|-------|------|------|--|

SURFACE-TO-AIR SYSTEMS

| | | | |
|---------|------|---------------|--|
| CSA-1 | None | GIN SLING (S) | Chinese produced version of the Soviet SA-2. (U) |
| CSA-X-2 | None | None | Mobile surface-to-air missile system. System components include a fire control radar, a tracked multi-rail TEL, and interceptors. <input type="text"/> |

NAVAL SAM SYSTEMS

| | | | |
|----------|------|------|---|
| CSA-NX-1 | None | None | Naval version of the CSA-X-2. Carried by Jiangdong-class guided missile frigate. <input type="text"/> |
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CHINESE SPACE LAUNCHER DESIGNATORS

| <u>DESIGNATOR</u> | <u>FIRST FLIGHT</u> | <u>COMMENTS</u> |
|-------------------|---------------------|---|
| CSL-1 | 1970 | CSS-3/Third stage. Inactive system. (U) |
| CSL-2 | 1973 | CSS-4. (U) |
| CSL-3 | 1984 | CSL-2/Third stage. (U) |

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